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FORM PTO-1449			Docket No.: 34506.104 Serial No: 09/598,982						
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37 CFR 1.98(b)			000/2900 OCUMENTS						
	U.S. PATENT DOCUMENTS								
Exam Intl	Patent Number	Issue Date	Patentee	Class	Subclass	Filing I	Date		
FC	DREIGN PATENT OR	PUBLISHED	FOREIGN PAT	TENT API	PLICATION				
	Document	Publ. Date	Country or Patent Office	Class	Subclass	Trans	sl.		
	Number		Patent Office			Yes	No		
	OTHER DOCUME	NTS (Includin	g Author, Title,	Date, Page	es, etc.)				
DR_	Blom, T. and He	Blom, T. and Hellman, L. (1993), Scand. J. Immunol. 37:203-208.							
21/2	Buckholz, R.G.	Buckholz, R.G. and Gleeson, M.A.G. (1991), Biotechnology 9:1067-1072.							
DR	Chan, H.; Elrod Express. & Purij	Chan, H.; Elrod, K.C.; Numerof, R.P. Sideris, S; and Clark, J.M. (1999), Protein Express. & Purif. 15:251-257.							
on	Warne, R.L.; M	Clark J.M.; Abraham, W.M.; Fishman, C.E.; Foreza, R. Ahmed, A.; Cortes, A.; Warne, R.L.; Moore, W.R; and Tanaka, R.D. (1995), Am. J. Respir. Crit. Care Med. 152:2076-2083.							
OR	Holgate S.T. and	Holgate S.T. and Church, M.K. (1992), Br. Med. Bull UK 48:40-50.							
DR	Faber K.N.; Har	Faber K.N.; Harder, W.; Ab, G.; and Veenhuis, M. (1995), Yeast 11:1331-1344.							
on	Tryptase: Purific	Harvima, I.T.; Schechter N.M.; Harvima, R.J.; and Fräki, J.E. (1988) Human Skin Tryptase: Purification, Partial Characterization and Comparison with Human Lung Tryptase, Biochimica et Biophysica Acta, 957:71-80.							
DR.	Stevens, R.L. (1 Part, to a Single	Huang, C.; Li, L.; Krilis, S.A.; Chanasyk, K.; Tang, Y.; Li, Z.; Hunt, J.E.; and Stevens, R.L. (1999) Human Tryptase α and β/II are Functionally Distinct Due, in Part, to a Single Amino Acid Difference in One of the Surface Loops that Forms the Substrate-binding Cleft, J. Biol. Chem. 274:19670-19676.							
202	Qiu, W.; Feyfar Enzymatically A	Huang, C.; Guillermo, M.; Vagi, A.; Chanasyk, K.; Ferrazzi, M.; Burklow, C.; Qiu, W.; Feyfant, E.; Sali, A.; and Stevens, R.L., (2000) Formation of Enzymatically Active, Homotypic, and Heterotypic Tetramers of Mouse Mast Cell Tryptases, J. Biol. Chem. 275:351-358.							

F1 2/10/03

1	/ MAR 2 2 2001	52		Sheet <u>2</u> of <u>2</u>			
Dr	+6	de, H.; Itoh, H.; Tomita, M.; Murakumo, Y.; Osada, Y.; and Nawa, Y. (1995), J. Biochem. 1		aruyama, H.;			
DR		Miller, J.S.; Moxley, G.; and Schwartz, L.B. (1	990), J. Clin. Inv	est. 86:864-870.			
Dr		Niles, A.L.; Maffitt, M.; Haak-Frendscho, M.; (1998), Recombinant Human Mast Cell Tryptase pastoris and Purification of Fully Active Enzyme 28:125-131.	: Stable Expression	on in <i>Pichia</i>			
DR		Nilsson and Schwartz (1994), Mast-Cell Heterog Blackwell Scientific Publications, Boston, pp. 19		and Mediators,			
M		Pallaoro, M.; Fejzo, M.S.; Shayesteh, L; Bloun Characterization of Genes Encoding Known and on Chromosome 16p13.3, J. Biol. Chem. 6:3355	Novel Human Ma	ney, G.H. (1999), st Cell Tryptases			
an		Sakai K.; Long, S.D.; Dove-Pettit, D.A.; Cabra Protein Express. & Purif. 7:67-73.	al, G.A.; and Sch	wartz, L.B. (1996),			
DR		Sambrook, J.; Fritsch, E. F.; and Maniatis, T. (Laboratory Manual; Cold Spring Harbor Labora	(1989), <i>Molecular</i> tory Press: New Y	Cloning: A York, NY.			
DN		Schwartz L.B.; Bradford, T.R.; Littman, B.H.; Immun. 135:2762-2767.	and Wintroub, B.	U. (1985), <i>J</i> .			
DR		Schwartz L and Bradford T. (1986) Regulation cells by heparin: Stabilization of the active tetral	of tryptase from h mer, J. Biol. Cher	uman lung mast n. 256: 7372-7379.			
dr		Schwartz (1995), Structure and Function of Human Mast Cell Tryptase, <u>Biological</u> and <u>Molecular Aspects of Mast Cell and Basophil Differentiation and Function</u> , chapter 14:161-173, Raven Press, Ltd: New York.					
202		Scopes, R. K., (1994), Protein Purification, Priverlag: New York.	nciples and Praction	ce, Springer-			
DR		Smith, T.J.; Hougland, M.W.; and Johnson, D.A. (1984), J. Biol. Chem. 259(17):11045-11051.					
DR		Sommerhoff, C.P.; Bode, W.; Pereira, P.J.B.; Stubbs, M.T.; Stürzebecher, J.; Piechottka, G.P.; Matschiner, G.; and Bergner, A. (1999), "The Structure of the Human βII-tryptase Tetramer: Fo(u)r Better or Worse," <i>Proc. Natl. Acad. Sci. USA</i> 96:10984-10991.					
DV2	-	Vanderslice P.; Ballinger, S.M.; Tam, E.K.; Goldstein, S.M.; Craik, C.S.; and Caughey, G. H. (1990), <i>Biochemistry</i> 87:3811-3815.					
M		Wung, J.L. and Gascoigne, R.J. (1996), BioTechniques 21:812-816.					
Examine	r: J		Date Considered:	2/10/23			

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